

FIG. 2

21 VLAN-ID	22 PORT LIST	23 LEARNING VALID PORT LIST
-----	-----	-----

FIG. 3

RECEPTION INFORMATION	30 DESTINATION MULTICAST ADDRESS		31
	TRANSMISSION SOURCE ADDRESS		32
	RECEPTION VLAN-ID		33
TRANSMISSION INFORMATION	TRANSMISSION VLAN-ID	TRANSMISSION PORT LIST	
	TRANSMISSION VLAN-ID	TRANSMISSION PORT LIST	
	TRANSMISSION VLAN-ID	TRANSMISSION PORT LIST	35
	34 -----	-----	

FIG. 4

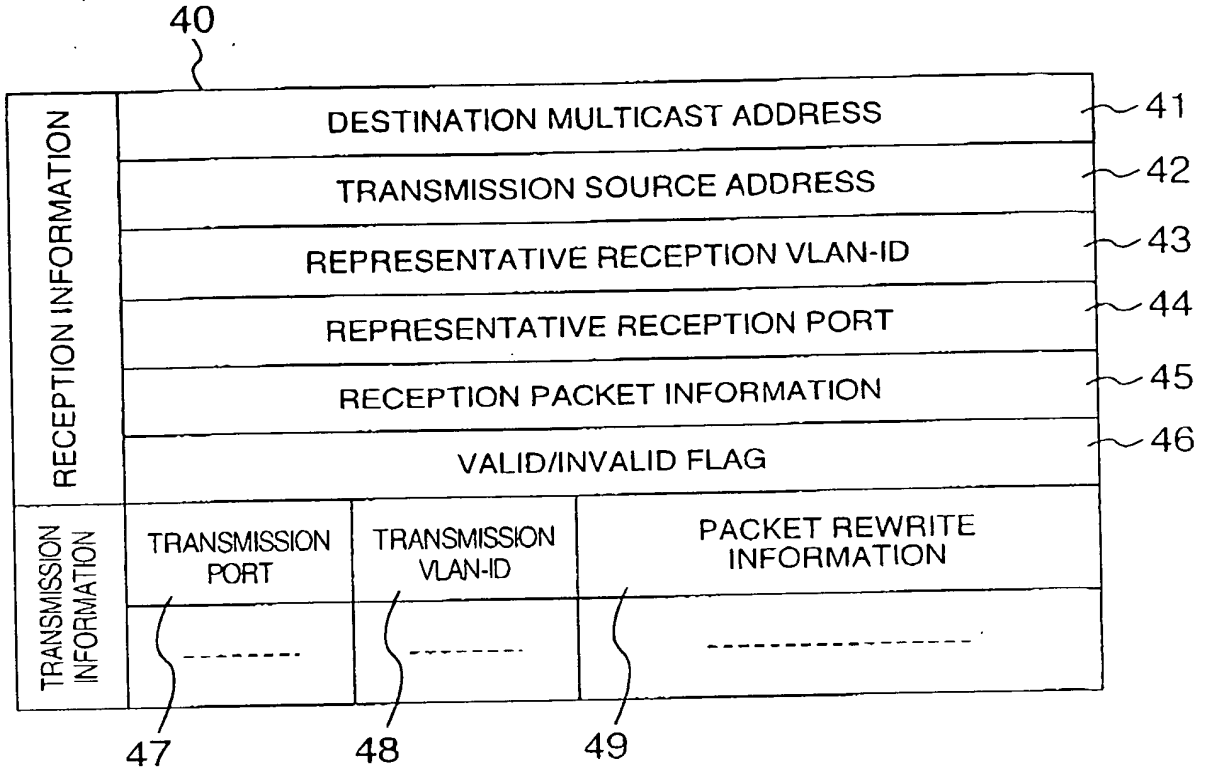
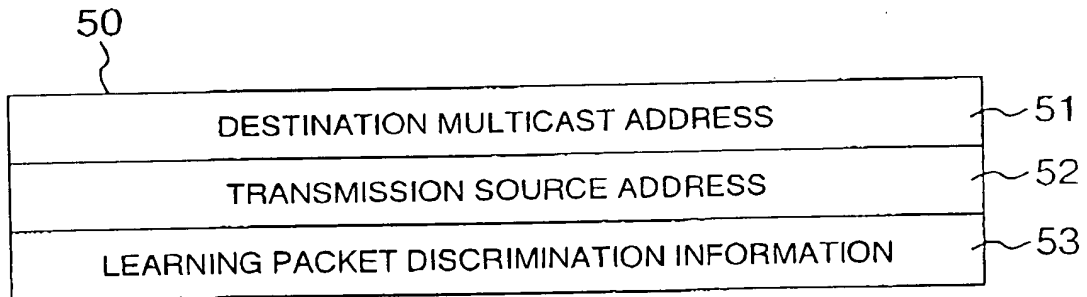


FIG. 5



009060-2ET95960

RECEPTION INFORMATION	DESTINATION IP MULTICAST ADDRESS		61
	TRANSMISSION SOURCE IP ADDRESS		62
	RECEPTION VLAN-ID		63
TRANSMISSION INFORMATION	TRANSMISSION VLAN-ID	TRANSMISSION PORT LIST	65
	TRANSMISSION VLAN-ID	TRANSMISSION PORT LIST	
	TRANSMISSION VLAN-ID	TRANSMISSION PORT LIST	
	-----	-----	

FIG. 7

RECEPTION INFORMATION	DESTINATION IP MULTICAST ADDRESS				701
	TRANSMISSION SOURCE IP ADDRESS				702
	REPRESENTATIVE RECEPTION VLAN-ID				703
	REPRESENTATIVE RECEPTION PORT				704
	LEARNING PACKET TTL				705
	VALID/INVALID FLAG				706
TRANSMISSION INFORMATION	TRANSMISSION PORT	TRANSMISSION VLAN-ID	TTL SUBTRACTION NUMBER	TRANSMISSION SOURCE SECOND LAYER ADDRESS	
	-----	-----	-----	-----	
	707	708	709	710	

FIG. 8

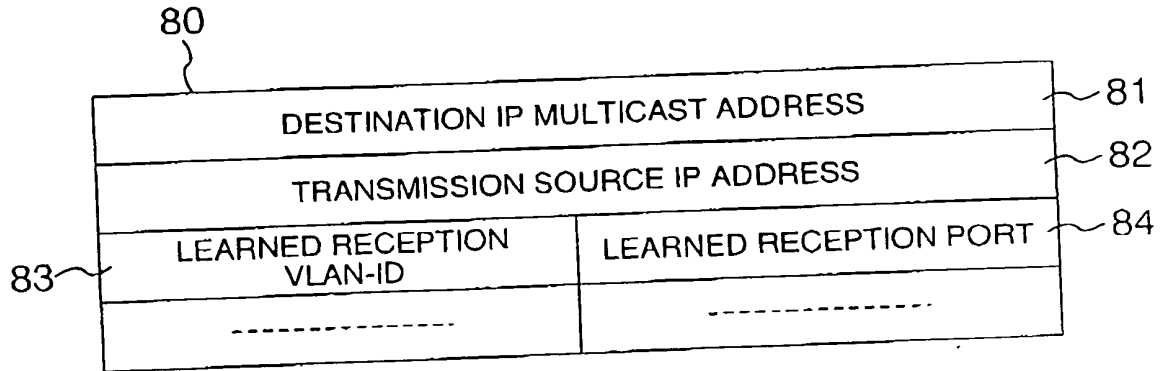


FIG. 9

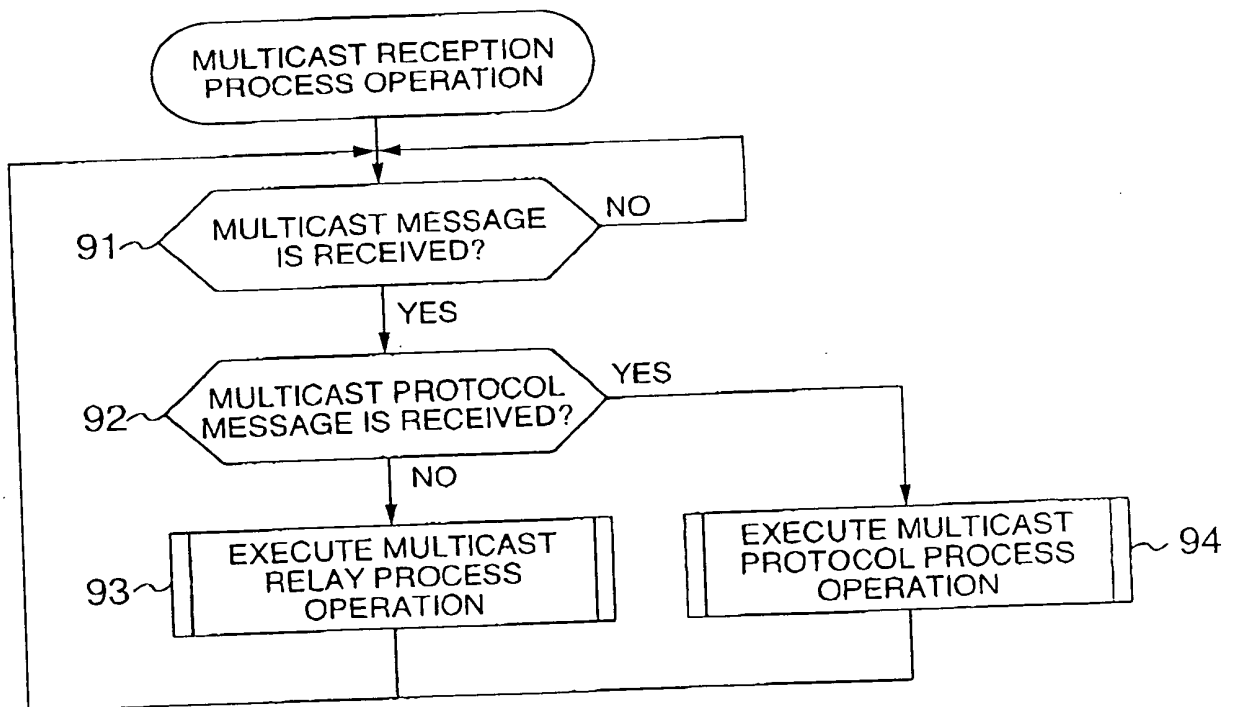
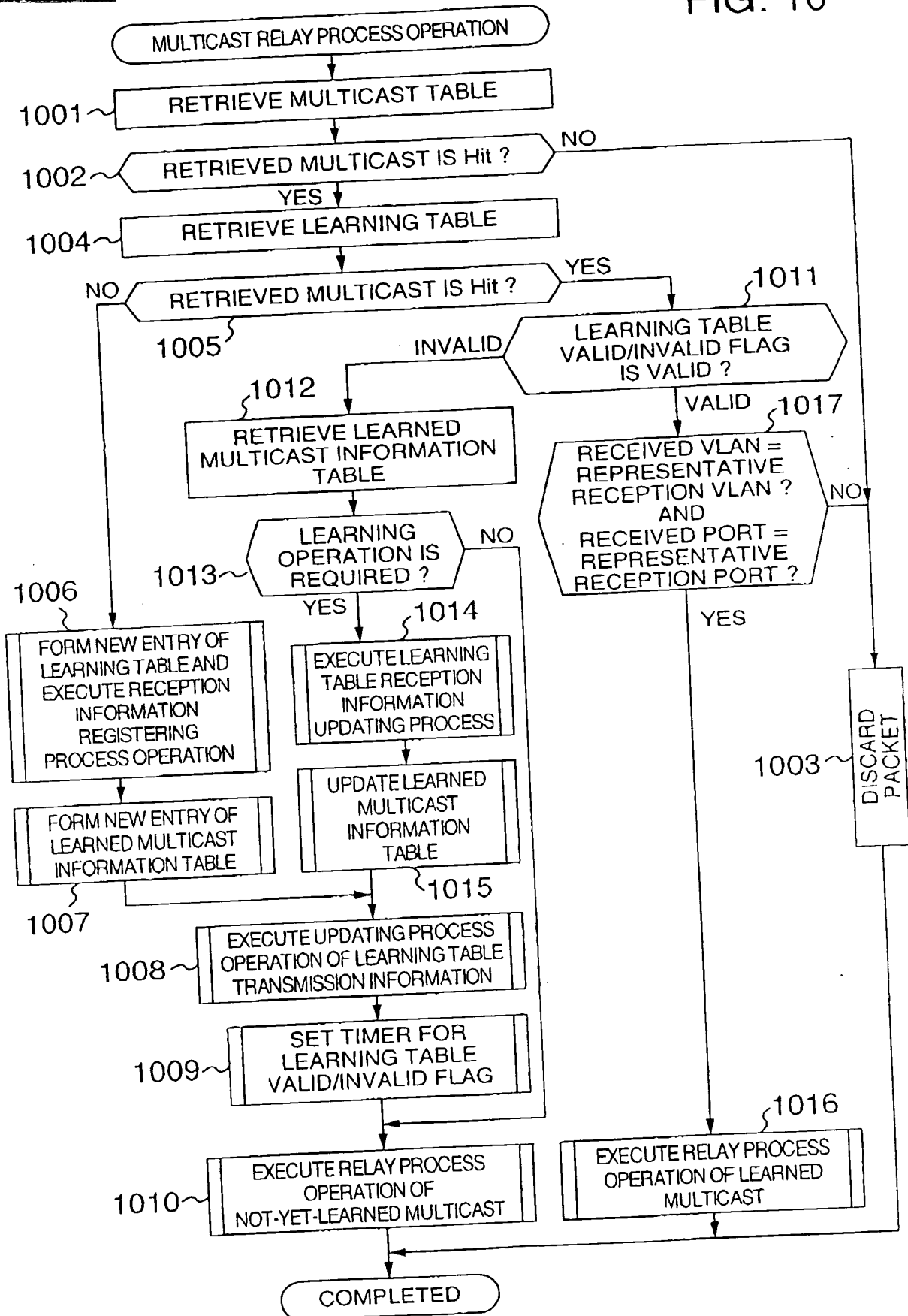
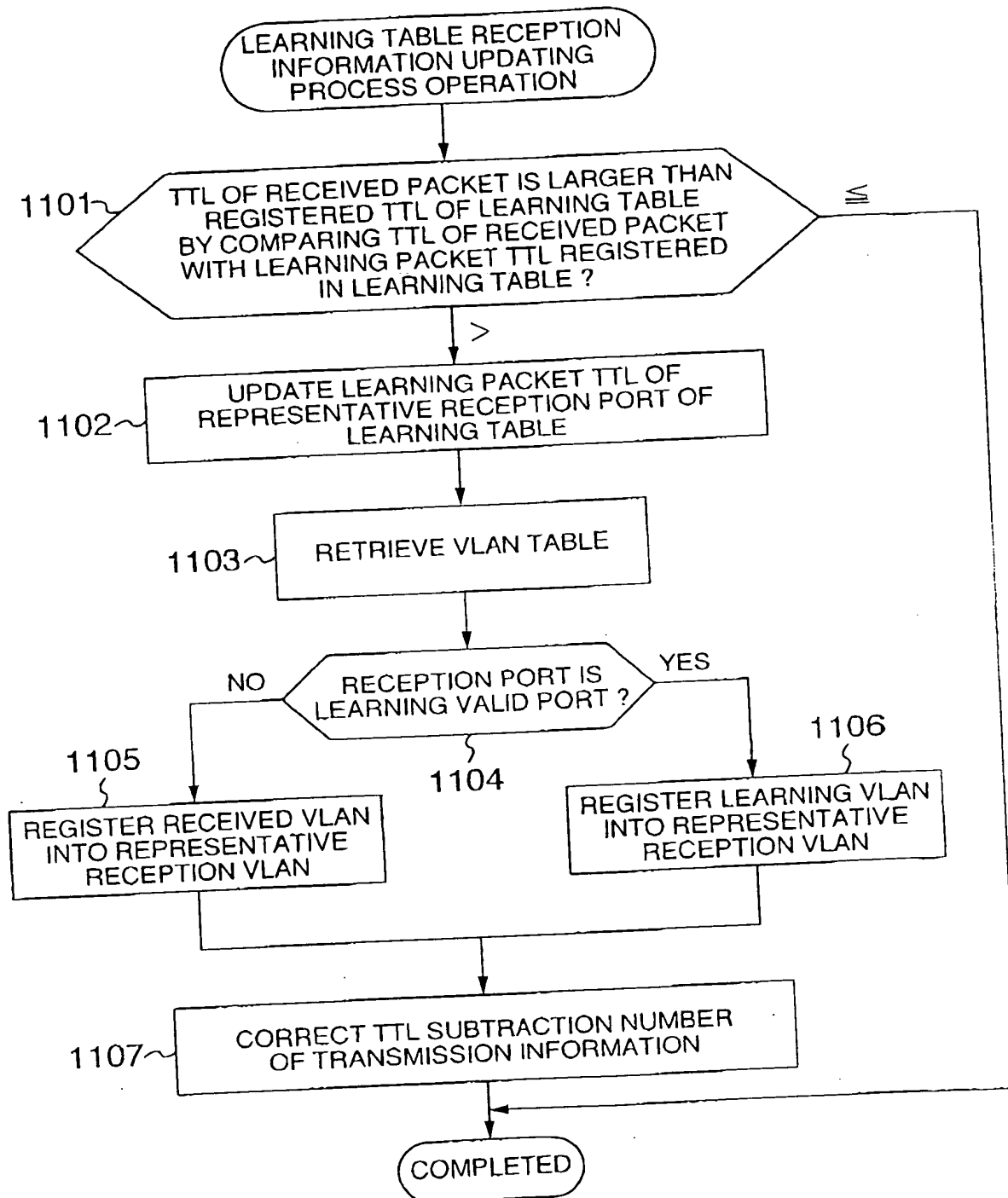


FIG. 10



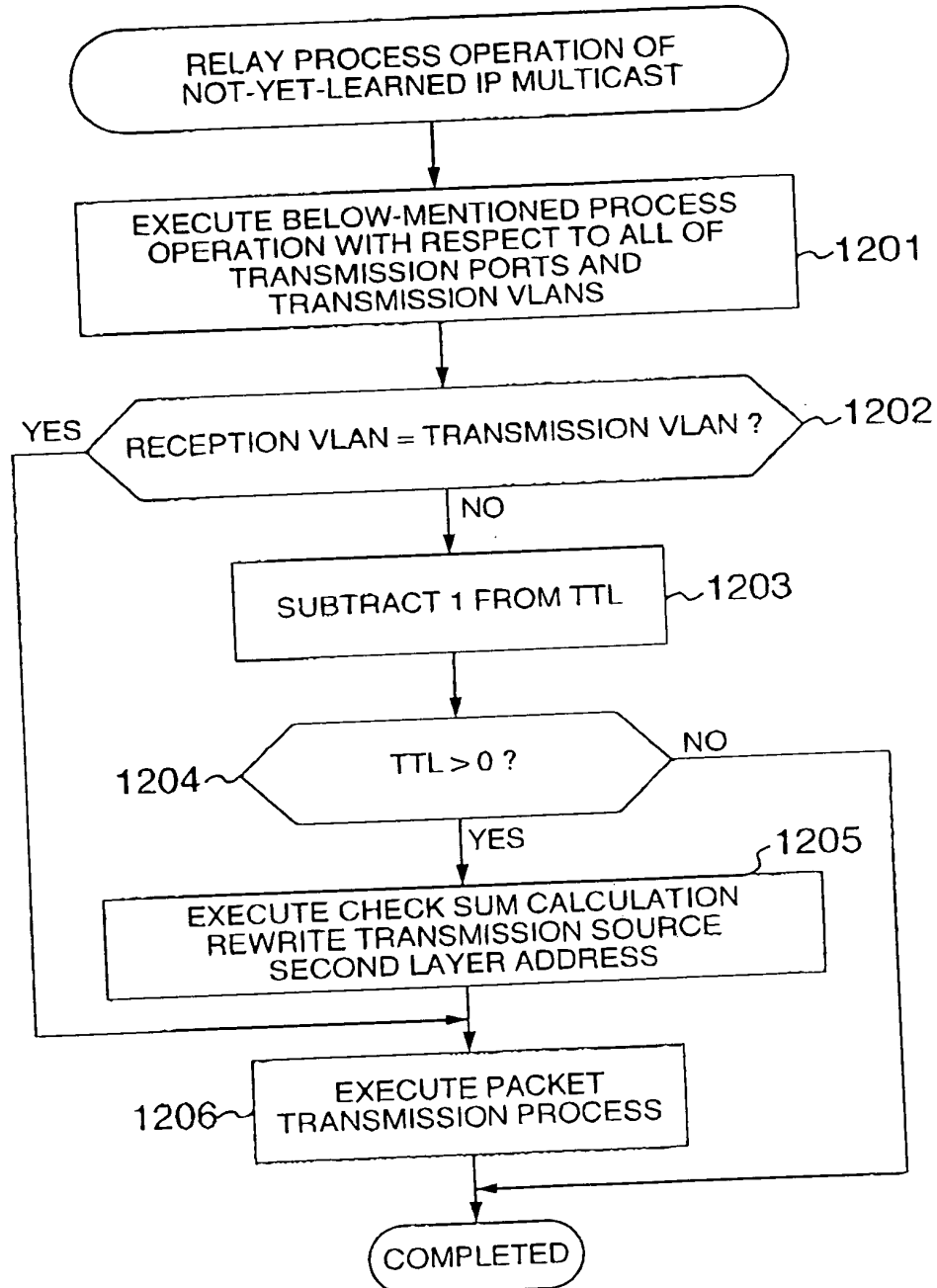
005560-000500

FIG. 11



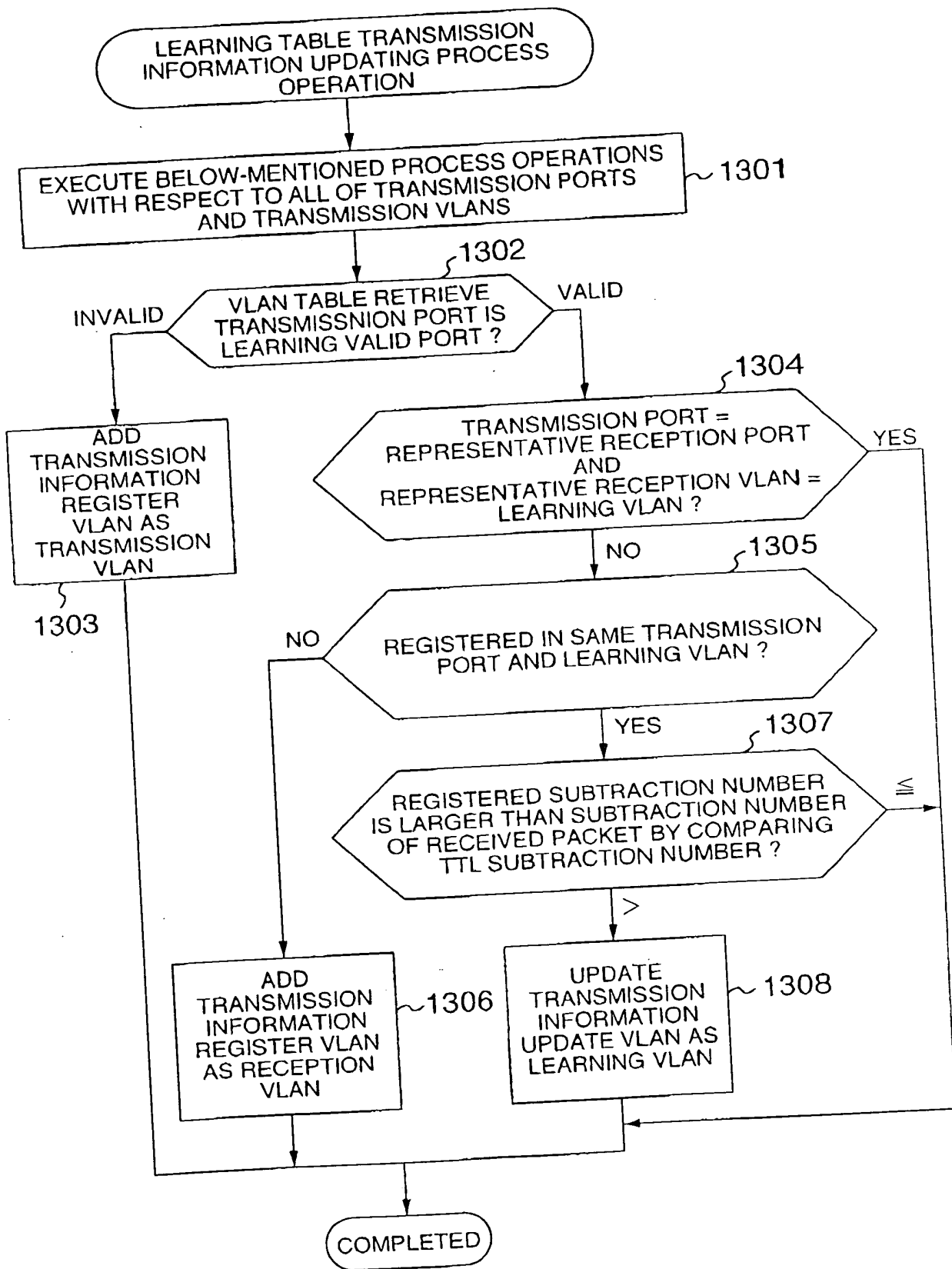
0056438-090600

FIG. 12



005613-090600

FIG. 13



0055613-090500



FIG. 15

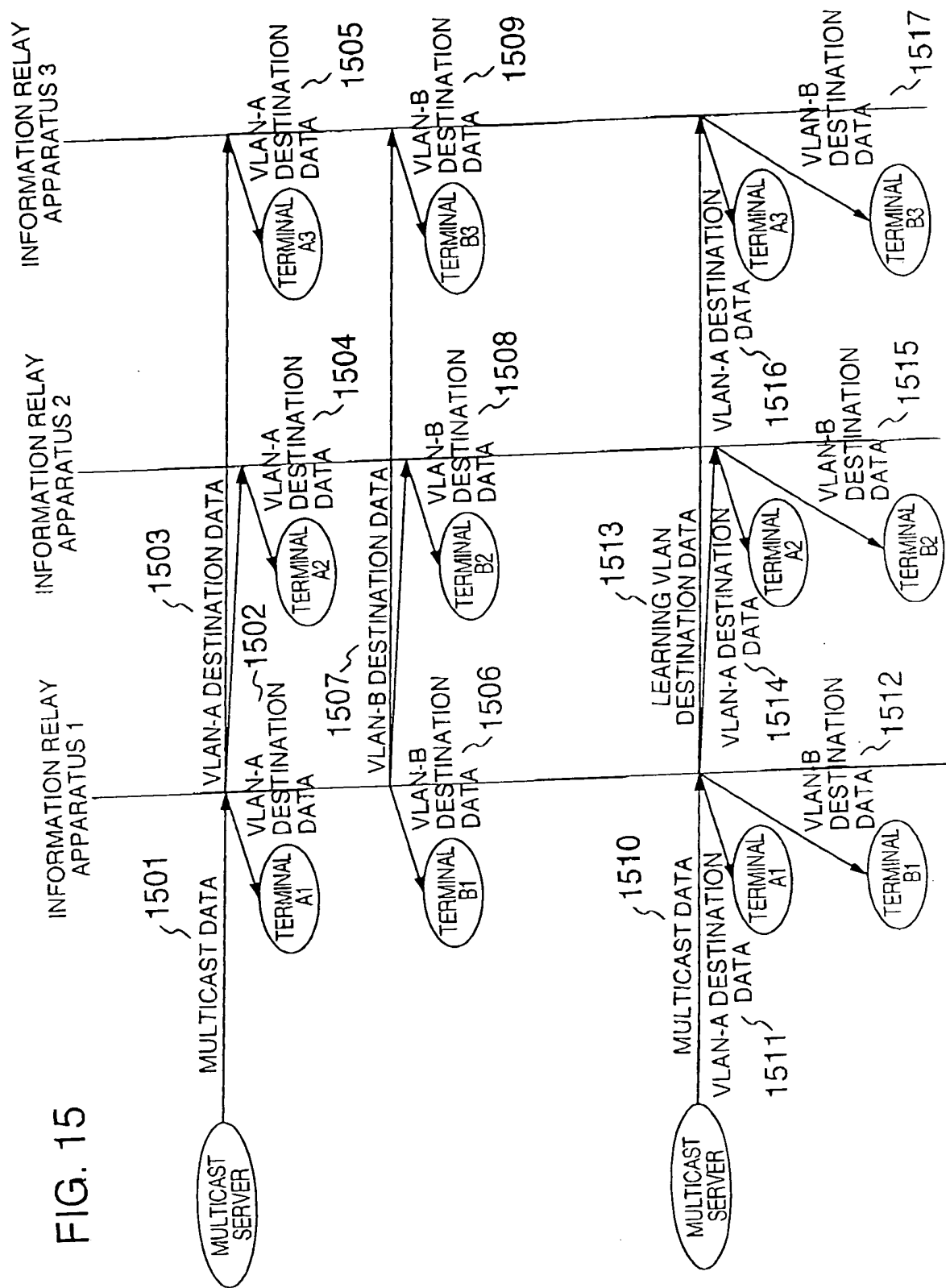


FIG. 16

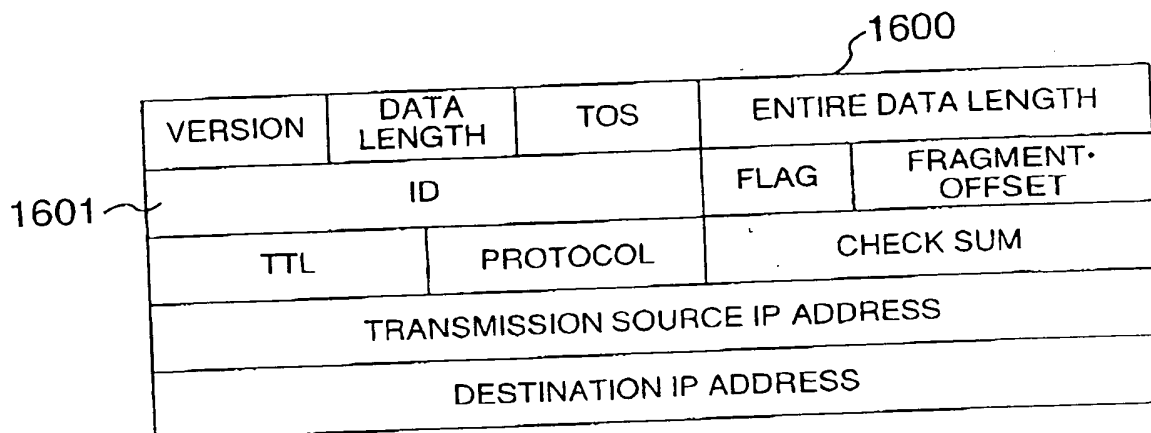
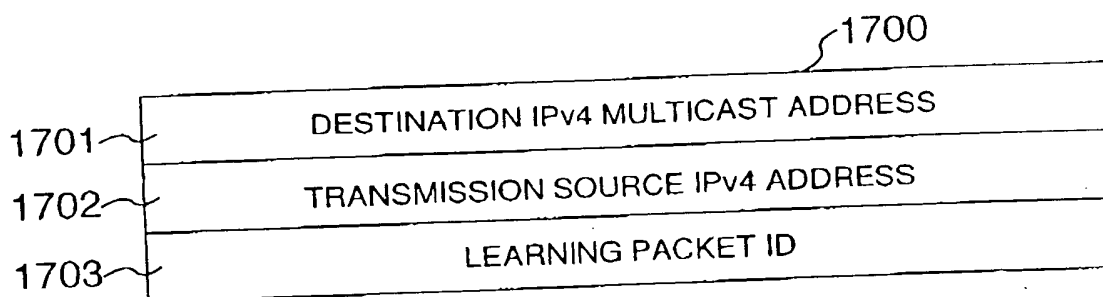


FIG. 17



009060" BET 95960

FIG. 18

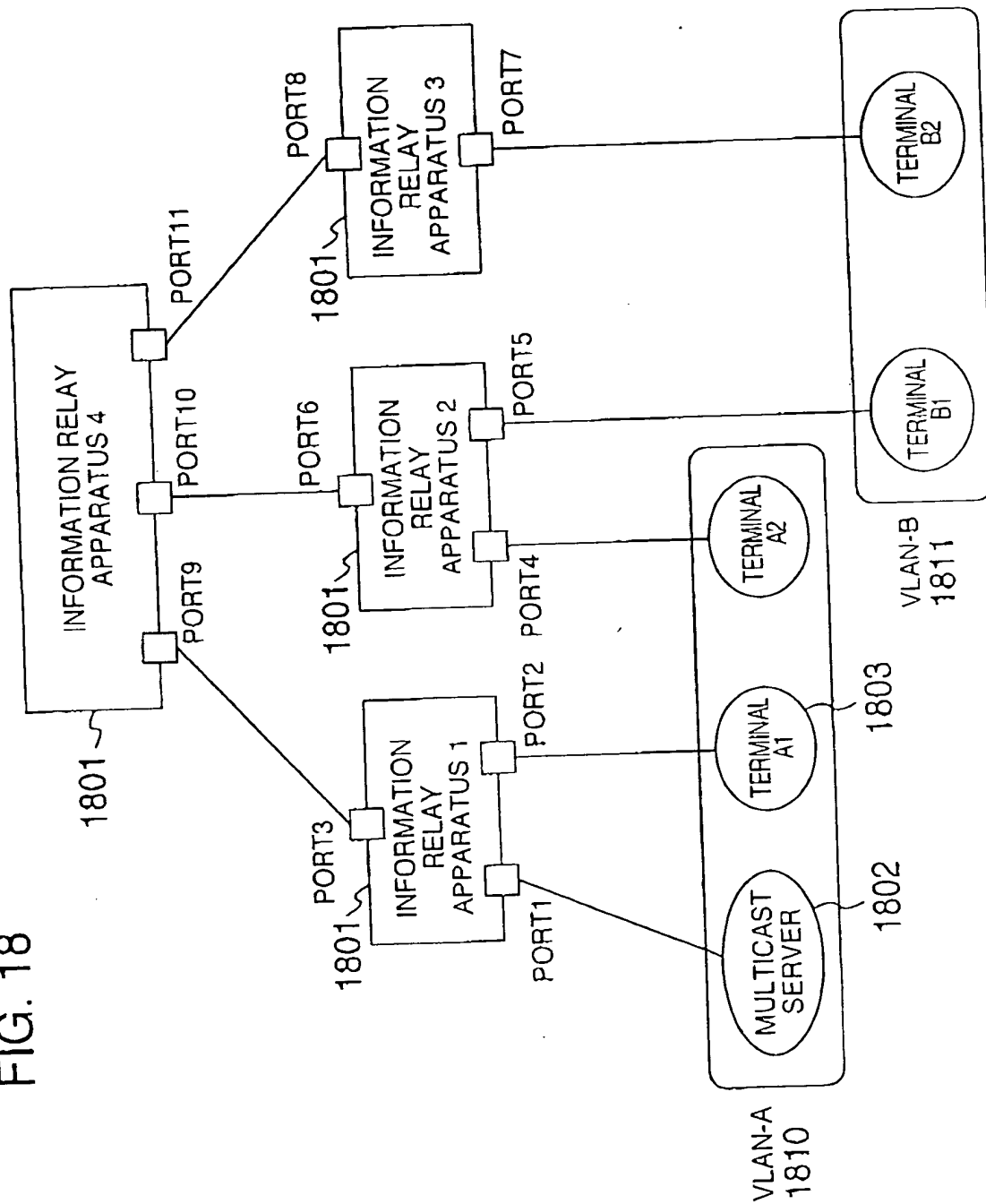


FIG. 19

INFORMATION RELAY APPARATUS 1

INFORMATION RELAY APPARATUS 2

INFORMATION RELAY APPARATUS 3

INFORMATION RELAY APPARATUS 4

MULTICAST SERVER

MULTICAST DATA

VLAN-A DESTINATION DATA

VLAN-B DESTINATION DATA

TERMINAL A1

TERMINAL A2

TERMINAL B1

TERMINAL B3

1901

1902

1903

1904

1905

1906

1907

1908

1909

1910

1911

1912

1913

1914

1915

1916

1917

000000-000000

FIG. 20

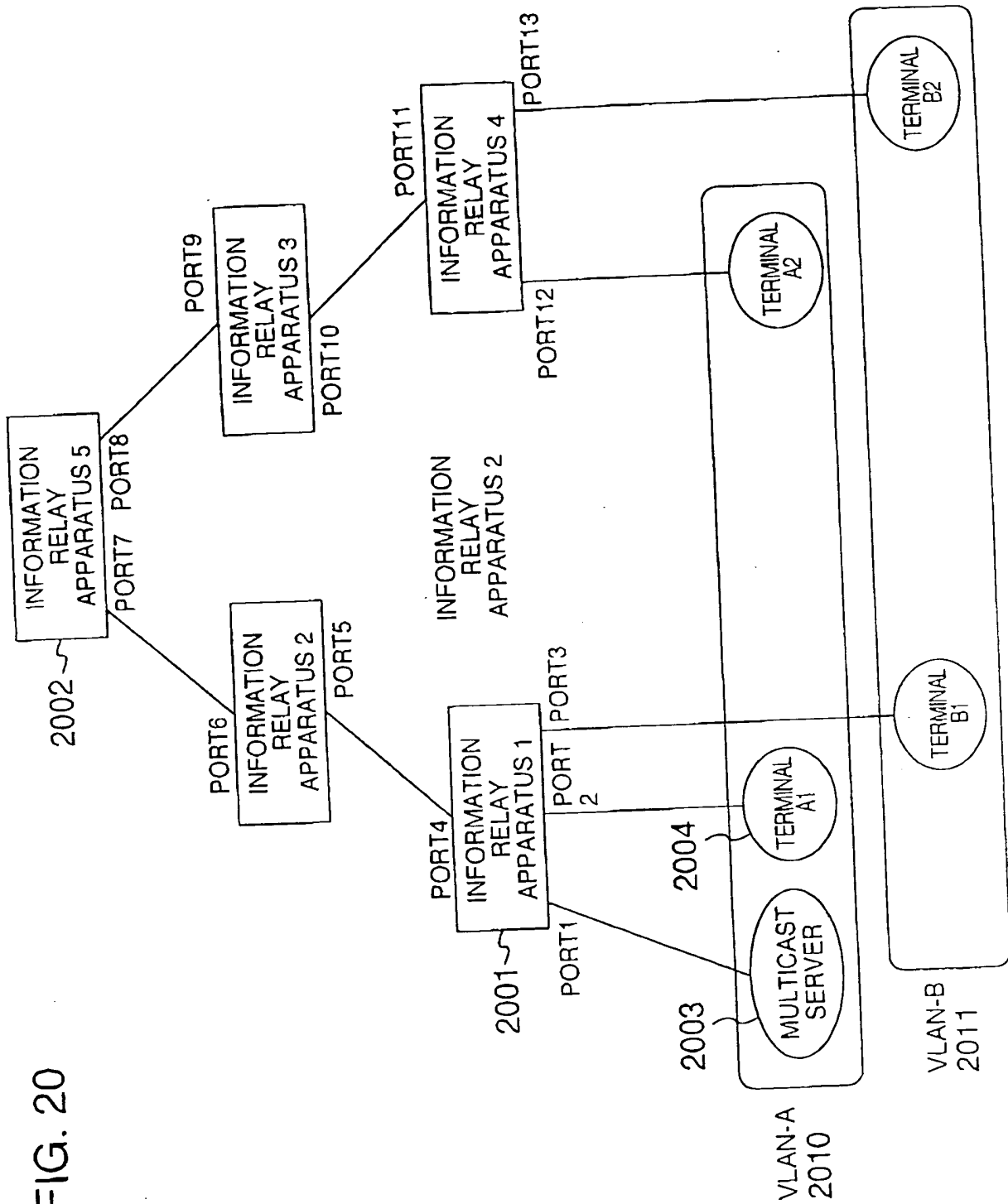


FIG. 21

